

Initial Filing Fi	ling (surcharge	Examiner Name	Not Yet Assigned								
37	CFR 1.16(e) required)										
		<u> </u>									
As a below named inventor, I hereby declare that:											
My residence, post office address, and citizenship are as stated below next to my name.											
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:											
		RATUS FOR DELIVERING									
-	METHOD AND APPAI		OATGEN TO CEEE								
		(Title of the Invention)									
the specification of which											
is attached hereto OR	•										
was filed on	July 16, 1999	as United States Ap	plication Serial Number	or PCT International							
	9/356,079 and	was amended on		(if applicable).							
	iewed and understand the	contents of the above identif	ied specification, includ	ling the claims, as amended							
by any amendment specifica	lly referred to above.										
I acknowledge the duty to di	sclose information which	is material to patentability as	defined in 37 CFR 1.5	5.							
I beesby claim foreign priori	ty benefits under 35 U.S.	C. 119(a)-(d) or 365(b) of any	foreign application(s)	for patent or inventor's							
certificate, or 365(a) of any	PCT international applica	ation which designated at least by checking the box, any for	eign application for pat	ent or inventor's certificate,							
or of any PCT international	application having a filing	g date before that of the appli-	cation on which priority	is claimed.							
Prior Foreign Application		Foreign Filing I (MM/DD/YYY	ate Priority	Certified Copy Attached? YES NO							
Number(s)	Country	(MIMUUUNITI I	1) Not Claimed								
Additional faction	application numbers are	listed on a supplemental prio	rity data sheet attached	hereto.							
I hereby claim the benefit up	der 35 U.S.C. 119(e) of	any United States provisional	application(s) listed be	ow.							
Application Serial N		Filing Date (MM/DD/YYYY	()								
	60/093 147 07/17/98 Additional provisional application										
	serial numbers are listed on a supplemental priority data sheet										
				i hereto.							
<b>,</b>											

... د. دجمید

Declaration and Power of Attorney ... utility or Design Patent Application Attorney Docket No.: MIT-097 (5473/104)

"Method and Apparatus for Delivering Oxygen to Cells" by Colton et al. Filing Date: July 16, 1999

Page 2 of 3

<b>DECLARATION</b> - Utility or I	Design 1	Patent A	Application
The second secon	c) or 365(c) o	fany PCT inter	national annlication dec

Thereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States or United State

international filing date of this appl U.S. Parent Application Serial Num	or PCT Parent	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)					
<del>-</del>								
Additional U.S. or PCT interna	tional application numbers are listed of	n a supplemental priority data sheet attac	ched hereto.					
As a named inventor, I hereby appearant Trademark Office connected the	oint the following registered practition nerewith: Customer Number	practitioners to prosecute this application and to transact all business in the Patent						
	Registration		Registration					
N/	Number	Name	Number					
Steven M. Bauer  Isabelle A.S. Blundell Maureen A. Bresnahan Michael H. Brodowski Tara C. Cacciabaudo Joseph A. Capraro, Jr. John J. Cotter Jennifer L. Dupre John V. Forcier Michael Giannetta Duncan A. Greenhalgh William G. Guerin Ira Heffan Danielle L. Herritt Elizabeth E. Kim Mi Kim Douglas J. Kline John D. Lanza	31,481 43,321 P-44,559 41,640 40,935 43,526 36,471 38,116 41,722 42,545 42,574 38,678 41,047 41,059 43,670 43,334 P-44,830 35,574 40,060	Kurt W. Lockwood Marianne McLaughlin Thomas C. Meyers Joseph B. Milstein Ronda P. Moore Edmund R. Pitcher Dianne M. Rees Kurt Rauschenbach Michael A. Rodriguez Michael J. Schmelzer J. Scott Southworth Christopher W. Stamos Robert J. Tosti Thomas A. Turano Michael J. Twomey Christine C. Vito Patrick R.H. Waller	40,704 42,870 36,989 42,897 44,244 27,829 P-45,281 40,137 41,274 43,093 39,382 35,370 35,393 35,722 38,349 39,061 41,418					
Timothy P. Linkkila  Additional registered prace  Direct all correspondence to:	Patent Administrator Testa, Hurwitz & Thibea High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100	o	eet attached hereto.					

>

Declaration and Power of Attorney Stillity or Design Patent Application Attorney Docket No.: MIT-097 (5473/104)

"Method and Apparatus for Delivering Oxygen to Cells" by Colton et al.

Filing Date: July 16, 1999

Page 3 of 3

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First		A ;	petition has been filed for this unsigned inventor						
Given Na	me (first and mid	dle [if any])			F	Family Name	or Surname		
CLARK K.				COLTON	!				
Inventor's Signature	Mark	1.10	118	U		Date		126/99	
Street Address	279 Commonw	ealth Avenue				Citizenship	p U.S.	A. / /	
	City	Newton	State	MA	Zip	02167	Country	U.S.A.	
Post Office Address	279 Commonw	ealth Avenue							
	City	Newton	State	MA	Zip	02167	Country	U.S.A.	
Additional inventor	rs are being name	d on the supp	olementa	l Additiona	d Inventor(	(s) sheet(s) att	tached heret	0.	
Name of Additional Jo				A petitie		n filed for thi			
Given N	lame (first and mi	ddle [if any])				Family Name	e or Surnam	e	
LARRY L.	SWETTE								
Inventor's Signature						Date			
Street Address	6 Stearns Stree	et				Citizensh	Citizenship U.S.A.		
	City	Newton	State	MA	Zip	02459	Country	U.S.A.	
Post Office Address	6 Stearns Stree	et							
	City	Newton	State	MA	Zip	02459	Country	U.S.A.	
Name of Additional J	oint Inventor, if	апу:		A petition has been filed for this unsigned inventor					
Given Na	ame (first and mic	idle [if any])		Family Name or Surname				ė	
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Inventor's Signature					<del></del>	Date	T		
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		S. LuNi	MIT-097 (5473/104)				
DECLARATION AND POWER		Attorney Docket No.	MII 1-097 (3473/104)				
OF ATTORNEY FOR UTILITY		First Named Inventor	COLTON				
OR DESIGN		COMPLETE IF KNOWN					
PATENT APPLICATION		Application Serial Number	09/356,079				
☐ Declaration ☑ Declaration		Filing Date	July 16, 1999				
Submitted with	Submitted after Initial	Group Art Unit	Not Yet Assigned				
Initial Filing Filing (surcharge		Examiner Name	Not Yet Assigned				
	37 CFR 1.16(e) required)						

	As a below named inventor, I hereby declare that:										
My residence, post office addres	s, and citizensl	hip are as stated	below next to my name.								
I believe I am the original, first a names are listed below) of the su	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:										
	METHOD AND APPARATUS FOR DELIVERING OXYGEN TO CELLS										
<u> </u>		(Title	of the Invention)								
the specification of which					,						
is attached hereto OR				0 :-1211	DOT I-tomotional						
was filed on	July 16,		as United States Application	n Seriai Number							
1 Ippineation 1 to anno 1	56,079	and was amer	-		(if applicable).						
I hereby state that I have review	ed and underst	and the contents	of the above identified spe	cification, includ	ing the claims, as amended						
by any amendment specifically				4:- 27 CED 1 54							
I acknowledge the duty to disclo	se information	which is materi	at to patentability as define	m application(s)	for patent or inventor's						
I hereby claim foreign priority b certificate, or 365(a) of any PCT	enefits under 3	15 U.S.C. 119(a)	-(d) or 365(b) of any foreig h designated at least one co	ountry other than	the United States of						
A size listed below and have	also identified	helow, by check	ring the box, any foreign ar	plication for paid	or inventor's certificate,						
or of any PCT international appl	lication having	a filing date bet	ore that of the application of	on which priority	is cianned.						
Prior Foreign Application			Foreign Filing Date	Priority Not Claimed	Certified Copy Attached? YES NO						
Number(s)	Co	intry	(MM/DD/YYYY)	Not Claimed							
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Additional foreign app	plication numb	ers are listed on	a supplemental priority dat	a sheet attached	nereto.						
I hereby claim the benefit under		(e) of any Unite	d States provisional applica	ation(s) listed bel	ow.						
	Application Serial Number(s) Filing Date (MMDD/YYYY)										
60/093,147			01111170	serial n	umbers are listed on a						
		nental priority data sheet									
				attached	i hereto.						
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Declaration and Power of Attorney

Jtility or Design Patent Application
Attorney Docket No.: MIT-097 (54/3/104)

"Method and Apparatus for Delivering Oxygen to Cells" by Colton et al.

Filing Date: July 16, 1999

Page 2 of 3

ı	DECLAR	RATION - Utili	ty o	r Design Pa	itent Ap	plica	ation		
	I hereby claim the benefit under 35 U States of America, listed below and, i PCT International application in the r material to patentability as defined in international filing date of this applic	S.C. 120 of any United States nsofar as the subject matter of nanner provided by the first pa 37 CFR 1.56 which became as	applicate each of	tion(s), or 365(c), of an the claims of this appli of 35 U.S.C. 112. I ack	y PCT internation cation is not disc mowledge the dis-	onal applications on the contract of the contr	cation designating the the prior United States of the information which	UI	
1	U.S. Parent Application o	- PCT Parent	P	arent Filing Date		Parent	t Patent Number		
ı	U.S. Parent Application o			MM/DD/YYYY)		G	f applicable)		
ı	Serial Number			WIND DITTI					
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4	Additional U.S. or PCT internation	onal application numbers are li	sted on a	supplemental priority	data sheet attac	hed hereto	).		
	As a named inventor, I hereby appoin								
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	and Trademark Office connected ther	ewilli. [ Customer remited	~		$\rightarrow$		Number Bar Code		
		OR		A	•		Label Here		
		Registered prac	titione	r(s) name/registration	on number lis	ted belov	₩		
1		Registration					Registration		
1	Name	Number		Name			Number		
	Steven M. Bauer	31,481		Kurt W. Lockwood		40,704			
-	Isabelle A.S. Blundell	43,321		Marianne McLaugh	hlin	42,870			
1	Maureen A. Bresnahan P-44,559		Thomas C. Meyers				36,989		
-	Michael H. Brodowski	41.640	Joseph B. Milstein				42,897		
1	Tara C. Cacciabaudo	40,935		Ronda P. Moore		44,244			
-	Jennifer A. Camacho	43,526	Edmund R. Pitcher			27,829			
ė	Joseph A. Capraro, Jr.	36,471	Dianne M. Rees				P-45,281		
	John J. Cotter	38,116		Kurt Rauschenbach	1	40,137			
	Jennifer L. Dupre	41,722		Michael A. Rodriguez			41,274		
	John V. Forcier	42,545	Michael J. Schmelzer			43,093			
	Michael Giannetta	42,574	J. Scott Southworth			39,382			
	Duncan A. Greenhalgh	38,678	Christopher W. Stamos			35,370			
	William G. Guerin	41,047	Robert J. Tosti			35,393			
	Ira Heffan	41,059		Thomas A. Turano			35,722		
	Danielle L. Herritt	43,670		Michael J. Twome	у	38,349			
	Elizabeth E. Kim	43,334		Christine C. Vito	_	39,061 41,418			
	Mi Kim	P-44,830		Patrick R.H. Walle	T	41,410	•		
	Douglas J. Kline	35,574							
	John D. Lanza	40,060				l l			
	Timothy P. Linkkila	40,702				1			
	Additional registered practiti	☐ Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.							
	Direct all correspondence to:	Patent Administrato Testa, Hurwitz & Ti High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248- Fax No.: (617) 248-	hibeault	, LLP					

Attorney Docket No.: MiT-097 (54,5104)

"Method and Apparatus for Delivering Oxygen to Cells" by Colton et al.

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Page 3 of 3

I hereby declare that all statements made herein of my own knowledge a a true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or Firs	t Inventor:			^	peti	ition has b	een filed	for this unsig	gned in	rvento	
Given N	ldle [if any	·])			Family Name or Surname						
CLARK K.		COLTON									
Inventor's Signature							Date				
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	City Newton State				1	MA	Zip	02167	Cour	ntry	U.S.A.
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<u> </u>	City	Newton	ı	State	1	MA	Zip	02167	Cour	ntry	U.S.A.
Additional invent	ors are being name	d on the	supp	lementa	al Ac	dditional l	nventor(s	) sheet(s) att	ached	hereto	
Name of Additional	Joint Inventor, if	any:				A petition	n has been	filed for thi	s unsig	gned in	ventor
	Name (first and mi	ddle [if an	y])		$I_{-}$		F	amily Name	or Su	mame	
LARRY L.	IAPRVI					SWETTE					
								Date			
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-	City	Newton		State		MA	Zip	02459	Cour	ntry	U.S.A.
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	City	Newton		State		MA	Zip	02459	Cour	ntry	U.S.A.
Name of Additional	Joint Inventor, if	any:		-	A petition has been filed for this unsigned inventor						
Given 1	Name (first and mic	idle [if any	<u>/])                                    </u>		Family Name or Surname						
Inventor's Signature											
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